

Remarks

The above amendments and these remarks are responsive to the Office Action mailed October 5, 2005. With entry of this amendment, claims 5, and 18-24 are pending. No new matter has been added by these amendments.

Applicants thank the Examiner for carefully considering the subject application.

Claim 5

Regarding claim 5, it has been amended to include adjusting a variable geometry turbocharger valve to decrease air flow during regeneration to control excessive temperature. Applicants can find no such disclosure in Santiago et al. As such, the rejection should be withdrawn.

Claim 18

Regarding claim 18, Applicants respectfully submit that Kume et al. fails to show all claimed elements. Specifically, Applicants can find no disclosure of coordinated action of a valve, an exhaust gas recirculation valve, and a fuel injector in the exhaust to reduce oxygen entering said filter and limit said self-sustaining regeneration reaction if temperature of a particulate filter is higher than a limit, while controlling a flow rate of exhaust gas. The above also applies to claim 23.

The above-identified application is believed to be in condition for allowance, and such allowance is courteously solicited. If any further amendment is necessary to advance prosecution and place this case in allowable condition, the Examiner is courteously requested to contact the undersigned by fax or telephone at the number listed below.

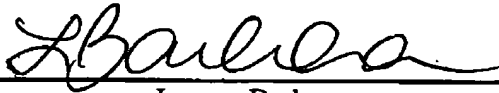
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Please charge any cost incurred in the filing of this Amendment, along with any other costs, to Deposit Account No. 06-1510. If there are insufficient funds in this account, please charge the fees to Deposit Account No. 06-1505.

CERTIFICATE OF FACSIMILE

I hereby certify that this correspondence is being sent via facsimile to the U.S. Patent and Trademark Office via facsimile at (571) 273-8300 on January 3, 2006.



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Respectfully submitted,

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